

Title	Cultivation of special medicinal plants and spices		
Code	3ME13NBV23M		
Prerequisites	botany, soil sciences, agrometeorology		
Description	Botany, biology and environmental requirements, drugs and active agents of medicinal and aromatic plants having importance in temperate zones (additional list of species compared to the minimum list of BSc training). Cultivation techniques of these species. Virtual visit (video film) of Hungarian firms - steps of primary processing of MAP species. Economically important MAP species in the world consumption, their drugs, active agents and utilization. Species having medical importance based on new scientific results.		
Lecturer	Dr. Krisztina Szabó, Zámoriné dr. Németh Éva, Dr. Pluhár Zsuzsanna, Dr. Radácsi Péter, Dr. Gosztola Beáta		
Semester	4th, spring	Contact hours/week	2+1
Level	MSc	ECTS	3
Teaching and Learning Methods:	Video film about visiting Hungarian MAP firms, machines of primary processing while working, etc.		
Reading:	<p>Compulsory literature: -Joanne Barnes, Linda A Anderson and J David Phillipson 2007. Herbal medicines. Third edition. ISBN 978 0 85369 623 0 (Related chapters)</p> <p>Recommended literature: Medicinal and Aromatic Plants – Industrial Profiles series. Harwood Academic Publishers, Amsterdam, The Netherlands: -Thea tree. ISBN 90-5702-417-9 -Taxus. ISBN 0-415-29837-7 -Tea. ISBN 0-415-27345-5 -Fenugreek. ISBN 0-415-29657-9 -V.L. Chopra, K.V. Peter 2005. Handbook of Industrial Crops. ISBN 1-56022-283-2 (Related chapters) -Ram J. Singh 2012. Genetic resources, chromosome engineering, and crop improvement. Vol. 6. ISBN 978-1-4200-7384-3 (Related chapters)</p>		
Assessment:	exam		